

PATENT
8022-1080

IN THE U.S. PATENT AND TRADEMARK OFFICE

In re application of

Morio TAKAHASHI

Application No. 10/516,821

Filed December 7, 2004

THERMO-OPTIC PHASE SHIFTER AND
MANUFACTURING METHOD OF THE SAMEINFORMATION DISCLOSURE STATEMENT

MS AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

March 7, 2005

Sir:

In compliance with Rules 1.97 and 1.98, and in fulfillment of the duty of disclosure under Rule 1.56, the accompanying documents, copies of which are attached to this statement, are made of record on the enclosed sheet.

As the USPTO has waived the requirement under 37 CFR 1.98(a)(2)(i) for submitting a copy of each cited U.S. patent and patent publication for applications filed after June 30, 2003, a copy of the cited U.S. reference is not enclosed, as the present application is filed after June 30, 2003. Copies of the cited foreign patent documents and/or non-patent literature are enclosed.

A concise explanation of the relevance of these items is that these references were discovered during any searches they or their client had made, or that they were considered in the preparation of the application.

A concise description of the relevance of those references not in the English language is given on the introductory pages of the present specification.

Respectfully submitted,

YOUNG & THOMPSON



Robert J. Patch, Reg. No. 17,355
745 South 23rd Street
Arlington, VA 22202
Telephone (703) 521-2297
Telefax (703) 685-0573
(703) 979-4709

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- Enclosures: Form PTO-1449(s)
 Documents
 Foreign Search Report
 Other: _____



A circular black ink stamp on white paper. The outer ring contains the text "PATENT & TRADEMARK OFFICE" at the top and "U.S. GOVERNMENT" at the bottom. The center of the stamp contains the date "MAR 2005" above a large black circle, and the serial number "JC98" to the right.

INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(Use several sheets if necessary)

Attorney Docket No.:
8022-1080

Application No
10/516,821

Applicant:
Morio TAKAHASHI

Filing Date:
December 7, 2004

Group Art Unit:

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

A. Sugita et al., "Bridge-Suspended Silica-Waveguide Thermo-Optic Phase Shifter and Its Application to Mach-Zehnder Type Optical Switch", The Transactions of the IEICE, Vol. E 73, No. 1, January 1990

EXAMINER:

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

* Abstract provided for the Examiner's convenience